INTRODUCTION OF CRUCIFEROUS CROPS OF UKRAINE

Performed the introduction, certification and studied new varieties of cruciferous oilseed crops. Defined the efficiency of samples cruciferous crops by all indications in accordance with the classification and created basic and feature collection of cruciferous crops.

The composition of the genbank and the introduction of cruciferous crops in the Precarpathian SARS IASR is 884 samples from 32 countries, which includes rape, wild turnip, mustard, perko, typhon, false flax, eruca crop. Today in the collection of the gene pool available samples of domestic and foreign origin – from Ukraine, Australia, Austria, England, Armenia, Denmark, Kazakhstan, Canada, Germany, Poland, Russia, Slovakia, USA, Finland, France, Czech Republic, Sweden, Japan and other States. Largest suppliers of seeds of cruciferous crops are Canada, Germany, Russia, France. Samples of Ukrainian origin – 157.

Among the crops selected varieties numbers on indicators:
- yield, t/ha;
- oil content, %;
- the content of glucosinolates, mkM/g;
- the content of erucic acid, %.

Selected from the collection of winter rapeseed varieties with different vegetation period, resistance to the winter survival and yield of seeds on indicators:
- sample of grade – №;
- the origin – country;
- the vegetation period - day;
- beginning of flowering – date;
- wintering – points;
- yield – h/hectare.